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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/219,442	12/23/1998	JING-SHAN HU	PF112P2D1	4797

22195 7590 06/13/2005

HUMAN GENOME SCIENCES INC
INTELLECTUAL PROPERTY DEPT.
14200 SHADY GROVE ROAD
ROCKVILLE, MD 20850

EXAMINER

LANDSMAN, ROBERT S

ART UNIT PAPER NUMBER

1647

DATE MAILED: 06/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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09/21/94

12/23/98

Hu et al.

PF112P2D1

EXAMINER

Landsman

ART UNIT	PAPER
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1647


060805

DATE MAILED:

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Commissioner for Patents

Attached is a PTO Form-892 citing Paulsson et al. A sequence comparison with SEQ ID NO:2 of the present invention is also included. This reference is not considered to have any bearing on patentability of the instant application. It is only submitted to show the closest prior art.


Robert Landsman
Primary Examiner
Art Unit: 1647

22

SEQ ID NO:2

S08167

Balbiani ring 3 protein - midge (Chironomus tentans)

C;Species: Chironomus tentans

C;Date: 30-Sep-1991 #sequence_revision 30-Sep-1991 #text_change 21-Jul-2000

C;Accession: S08167

R;Paulsson, G.; Lendahl, U.; Galli, J.; Ericsson, C.; Wieslander, L.

J. Mol. Biol. 211, 331-349, 1990

A;Title: The balbiani ring 3 gene in Chironomus tentans has a diverged repetitive structure split by many introns.

A;Reference number: S08167; MUID:90172404

A;Accession: S08167

A;Status: not compared with conceptual translation

A;Molecule type: DNA

A;Residues: 1-1700 <PAU>

A;Cross-references: GB:X52263; NID:g7057; PIDN:CAA36506.1; PID:g7058

C;Genetics:

A;Gene: BR3

A;Map position: 4

C;Superfamily: unassigned Balbiani ring proteins

Query Match 11.0%; Score 257; DB 2; Length 1700;
Best Local Similarity 22.8%; Pred. No. 4.9e-11;
Matches 89; Conservative 47; Mismatches 145; Indels 110; Gaps 18;

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Qy      79 KMYKCQLRK----GGWQHNRQANLNSRTEETIKFAAAHYNTEILKSIDNEWKRKTQCMR 134
      | ||: | ||::|::: || | | : | |
Db      727 KTCKCKCEKEMPTGGCENNKKWC-----DETCDCVCPQKNTCIAPKV---WDAKTCS-- 775

Qy      135 EVCIDVGKEFGVATNTFFKPPCVSVYRCGG-----CCNSEGLQCMNTSTSYLSKTLF 186
      || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      776 --CI-----CVNPPKCNFPQVLKDTCCCGCQNVKSCKAPQKFI-ENIC 815

Qy      187 EITVPLSQGPKPVTISFANHTSCRCMSKLDV-----YRQVHSIIRSLPATLPQCQA 238
      : | : | : | | : : : : : : : : : : : : : : | | |
Db      816 DCACPNKKQCKAPLVWSDEFCDVCPCNSASMKTCLSPKEWNKVCTCDCNPPK--PDC-- 871

Qy      239 ANKTCPTNYMWNHICRC---LAQEDFMFSSDAGDDSTDGFHDICG-PNKELD----- 287
      || | : | : | | | | | | | | | | | | | | | | | |
Db      872 ----CPGTQKWMDDKCKCGCPNAQTDC-----AGGKKFNDFTCSCGCPSGKLDCTGNTKW 922

Qy      288 -EETCQCVCRAGLRPASCGPHKELDRNSQCVCCKNKLFPSCGANREFDENTCQCVCKR- 345
      || | | | | : || | : | || | || | : | : | : : || | |
Db      923 SAETCTCGC--GDVNRNCGNLKNFNDNLQCECKNKQEMANCKSPRTWNYDTCKCVCKNA 980

Qy      346 -----TCPRNQPLNPGKCACECTESPQKCLLKGKKFHH 378
      || | : | : || | | : || | : : || | :
Db      981 DDSDDCVKPQIWLDQCKCGCPASAQMTCPANKRFIEKSCSCECKSPMPSPIPQGGKKWNE 1040

Qy      379 QTCSCYRRPCTNRQKACEPGFSYSEEVCRCV 409
      | | | | | : : | : |
Db      1041 DKCVV---ECAN-VKTCEGPQRWCDNQCKCI 1067

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